Refine Search

Search Results -

Terms	Documents
(THERMAL ENERGY OR HEAT) AND OXID\$6 AROMATIC CARBOXYLIC ACID	32

US Pre-Grant Publication Full-Text Database US Patents Full-Text Database

US OCR Full-Text Database

Database: EPO Abstracts Database

JPO Abstracts Database Derwent World Patents Index

IBM Technical Disclosure Bulletins

Search:

•	1 mares
14	
	1111
	engen nook
	monitoring

	• extensed
	erectors.
	geisectory
	Section 2
	185/
WAR 180 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

Recall Text 👄



Refine Search

Interrupt

Search History

DATE: Tuesday, October 12, 2004 Printable Copy Create Case

Set Name side by side	Query	<u>Hit</u> <u>Count</u>	Set Name result set
DB=P	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=ADJ		
<u>L2</u>	(THERMAL ENERGY OR HEAT) AND OXID\$6 AROMATIC CARBOXYLIC ACID	32	<u>L2</u>
<u>L1</u>	THERMAL ENERGY AND AROMATIC CARBOXYLIC ACID	318	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L4 and enthalpy	0

US Pre-Grant Publication Full-Text Database

US Patents Full-Text Database US OCR Full-Text Database

Database:

EPO Abstracts Database JPO Abstracts Database

Derwent World Patents Index **IBM Technical Disclosure Bulletins**

Search	•
Scar CII	•

L6	Į.
	ferrar o
	FORESHIPS
	et/Person
	*05000
	#10,000 d
	potencia
	

Refine Search

Recall Text <

Clear

Interrupt

Search History

DATE: Wednesday, October 13, 2004 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,	USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=Y	ES; OP=ADJ	
<u>L6</u>	L4 and enthalpy	0	<u>L6</u>
<u>L5</u>	L4 and working fluid	0	<u>L5</u>
<u>L4</u>	L1 and 562/\$	19	<u>L4</u>
<u>L3</u>	L1 and (rankine cycle or kallina cycle)	0	<u>L3</u>
<u>L2</u>	L1 and power cycle	0	<u>L2</u>
<u>L1</u>	terephthalic acid and thermal energy	519	L1

END OF SEARCH HISTORY

Clear Generate Collection Print Fwd Refs Bkwd Refs Generate OACS

Search Results - Record(s) 1 through 10 of 32 returned.

☐ 1. Document ID: US 20040199006 A1

Using default format because multiple data bases are involved.

L2: Entry 1 of 32

File: PGPB

Oct 7, 2004

Apr 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040199006

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040199006 A1

TITLE: Production of aromatic carboxylic acids

PUBLICATION-DATE: October 7, 2004

INVENTOR - INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Graham, Derek Alexander Cleveland GB Hamley, Paul Anthony Nottingham GB Oliver, Raymond Stockton On Tees GB Poliakoff, Martyn Nottingham GB Woodcock, Duncan C. Cheshire GB Ilkenhans, Thomas Cambridge GB

US-CL-CURRENT: 562/412

Full	_ Title	Citation F	ront Revieu	v Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw, De
	2	D	ID 110.0	004005050							
1	2.	Document	ID: US 2	0040069637	Al						

File: PGPB

PGPUB-DOCUMENT-NUMBER: 20040069637

PGPUB-FILING-TYPE: new

L2: Entry 2 of 32

DOCUMENT-IDENTIFIER: US 20040069637 A1

TITLE: Electrodepositable coating compositions and related methods

PUBLICATION-DATE: April 15, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Eswarakrishnan, Venkatachalam Allison Park US US

Kaylo, Alan J. Glenshaw PΑ McCollum, Gregory J.

Gibsonia

PΑ US

Buskirk, Ellor James

Wexford

PΑ US

US-CL-CURRENT: 204/489; 106/147.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw, De
								·		· ·		

☐ 3. Document ID: US 20020193629 A1

L2: Entry 3 of 32

File: PGPB

Dec 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020193629

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020193629 A1

TITLE: PROCESS FOR PRODUCTION OF AROMATIC CARBOXYLIC ACIDS WITH IMPROVED WATER

REMOVAL TECHNIQUE

PUBLICATION-DATE: December 19, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Miller, Harold David JR.

Kingsport

TN

US

Lin, Robert

Kingsport

TN

de Vreede, Marcel

Poortugaal

US NL

US-CL-CURRENT: 562/412

Full Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawi De
		contra SAN dans on the san state									

☐ 4. Document ID: US 20020028968 A1

L2: Entry 4 of 32

File: PGPB

Mar 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020028968

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020028968 A1

TITLE: Production of aromatic carboxylic acids

PUBLICATION-DATE: March 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Graham, Derek Alexander	Cleveland		GB	1,022
Hamley, Paul Anthony	Nottingham		GB	
Ilkenhans, Thomas	Cambridge		GB	
Oliver, Raymond	Stockton on Tees		GB	
Poliakoff, Martyn	Nottingham		GB	
Woodcock, Duncan C.	Cheshire		GB	

US-CL-CURRENT: 562/415

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claima	MODEC	Deposit De
								000 0011000	Hittaoliinorito	O 10 11113	KOOIC	DIAME DE

□ 5. Document ID: US 20010041811 A1

L2: Entry 5 of 32

File: PGPB

Nov 15, 2001

PGPUB-DOCUMENT-NUMBER: 20010041811

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010041811 A1

TITLE: Production of high purity aromatic carboxylic acid by oxidation in benzoic

acid and water solvent

PUBLICATION-DATE: November 15, 2001

INVENTOR - INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sikkenga, David L.	Wheaton	IL	US	
Pandya, Alpen K.	Naperville	IL	us	
Zaenger, Ian C.	Naperville	IL	US	
Abrams, Kenneth J.	Naperville	IL	US	
Bartos, Thomas M.	Naperville	IL	US	

US-CL-CURRENT: <u>562/416</u>; <u>562/417</u>

Full	l Tit	le	Citation I	Front	Review	Classification	Date	Reference	Seguences	Attachmente		LAALO	
						O IDDO III OB LIGHT	O ate	Meletelloe	ocquences	Auguments	Claims	KUUL	Drawi De
	****	************************											

6. Document ID: US 6765113 B2

L2: Entry 6 of 32

File: USPT

Jul 20, 2004

US-PAT-NO: 6765113

DOCUMENT-IDENTIFIER: US 6765113 B2

TITLE: Production of aromatic carboxylic acids

Full Title Citation Front Review Classification Date Reference	Seguinage Zungenger Claims KWIC Draw De
☐ 7. Document ID: US 6562997 B2	
L2: Entry 7 of 32 File: USPT	May 13. 2003

US-PAT-NO: 6562997

DOCUMENT-IDENTIFIER: US 6562997 B2

TITLE: Production of high purity aromatic carboxylic acid by oxidation in benzoic acid and water solvent

Full Title Citation Front Review Classification Date Reference Sequences Attachnicates Claims KMC Draw. De B. Document ID: US 6528683 B1
L2: Entry 8 of 32 File: USPT Mar 4, 2003

US-PAT-NO: 6528683

DOCUMENT-IDENTIFIER: US 6528683 B1

** See image for Certificate of Correction **

TITLE: Method for producing shell catalysts for the catalytic vapor-phase oxidation of aromatic hydrocarbons and catalysts obtained in such a manner



☑ 9. Document ID: US 6504051 B1

L2: Entry 9 of 32

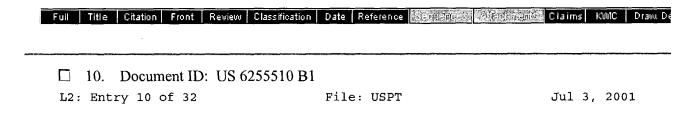
File: USPT

Jan 7, 2003

US-PAT-NO: 6504051

DOCUMENT-IDENTIFIER: US 6504051 B1

TITLE: Process for production of aromatic carboxylic acids with improved water removal technique



US-PAT-NO: 6255510

DOCUMENT-IDENTIFIER: US 6255510 B1

 $\begin{tabular}{ll} {\bf TITLE:} & {\bf Production of aromatic carboxylic acids and recovery of Co/Mn catalyst from } \\ \end{tabular}$

Change Format
•

Previous Page

Next Page

Go to Doc#

Clear Generate Collection Print Fwd Refs Bkwd Refs Generate OACS

Search Results - Record(s) 11 through 20 of 32 returned.

☑ 11. Document ID: US 6143925 A

Using default format because multiple data bases are involved.

L2: Entry 11 of 32

File: USPT

Nov 7, 2000

US-PAT-NO: 6143925

DOCUMENT-IDENTIFIER: US 6143925 A

TITLE: Process for producing aromatic carboxylic acid

DATE-ISSUED: November 7, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Tomitaka; Tadashi Ohtake JP Umeda; Michio Ohtake JP Iwata; Hideaki Chiba JP Nakao; Fujimasa Ohtake JP

US-CL-CURRENT: <u>562/412</u>; <u>562/409</u>

Full Title Citation Front Review Classification Date Reference Reference Claims KWC Draw De Claims L2: Entry 12 of 32 File: USPT Mar 9, 1999

US-PAT-NO: 5880313

DOCUMENT-IDENTIFIER: US 5880313 A

TITLE: Process for producing aromatic carboxylic acid

Full Title Citation Front Review Classification Date Reference Spyling Attachned Claims KMC Draw De L2: Entry 13 of 32

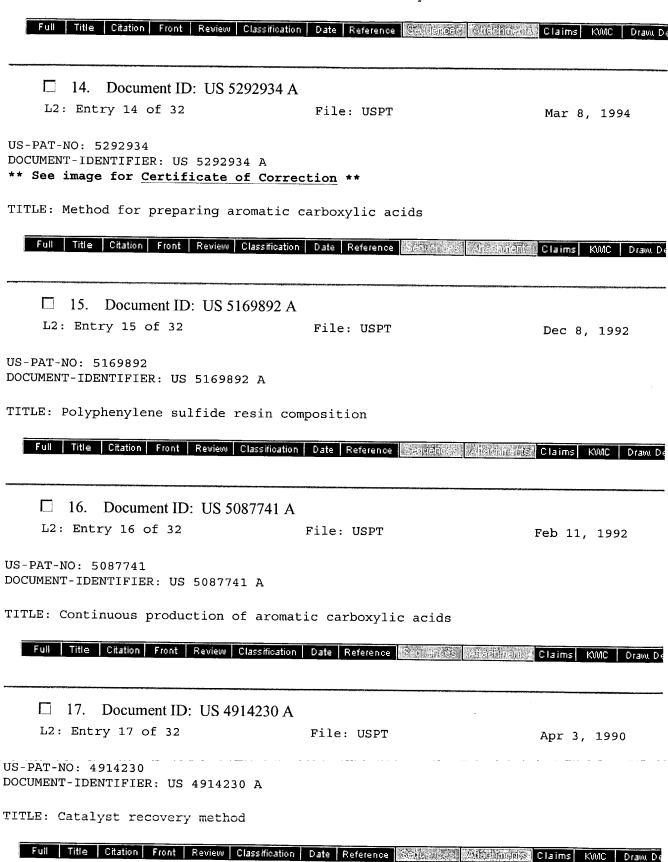
File: USPT

Apr 23, 1996

US-PAT-NO: 5510521

DOCUMENT-IDENTIFIER: US 5510521 A

TITLE: Process for the production of aromatic carboxylic acids



☐ 18. Document ID: US 4826906 A

L2: Entry 18 of 32

File: USPT

May 2, 1989

US-PAT-NO: 4826906

DOCUMENT-IDENTIFIER: US 4826906 A

TITLE: Poly(arylene thioether-ketone) compositions improved in both melt stability

and crystallinity

Full Title Citation Front Review Classification Date Reference Caculation Villation Claims KMC Draw De

19. Document ID: US 4792621 A

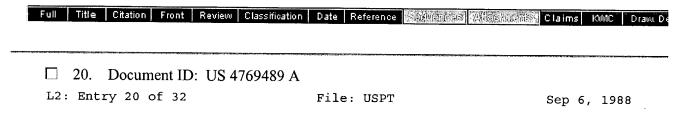
L2: Entry 19 of 32 File: USPT Dec 20, 1988

US-PAT-NO: 4792621

DOCUMENT-IDENTIFIER: US 4792621 A

** See image for Certificate of Correction **

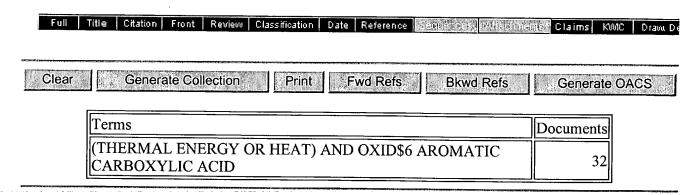
TITLE: Method for continuous production of aromatic carboxylic acid



US-PAT-NO: 4769489

DOCUMENT-IDENTIFIER: US 4769489 A

TITLE: Catalyst recovery method



Display Format: - Change Format

Previous Page

Next Page

Go to Doc#

Clear Generate Collection Print Fwd Refs Bkwd Refs
Generate OACS

Search Results - Record(s) 21 through 30 of 32 returned.

☑ 21. Document ID: US 4277630 A

Using default format because multiple data bases are involved.

L2: Entry 21 of 32

File: USPT

Jul 7, 1981

US-PAT-NO: 4277630

DOCUMENT-IDENTIFIER: US 4277630 A

TITLE: Catalyst and process for producing aromatic hydroxy compounds

DATE-ISSUED: July 7, 1981

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Gelbein; Abraham P.

Plainfield

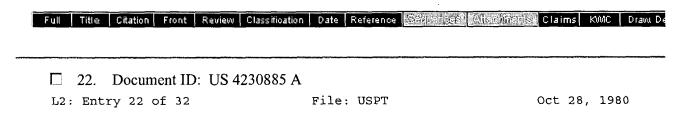
NJ

Khonsari; Ali M.

Bloomfield

ΝJ

US-CL-CURRENT: 568/801; 568/802



US-PAT-NO: 4230885

DOCUMENT-IDENTIFIER: US 4230885 A

TITLE: Conversion of aromatic carboxylates to terephthalate

☐ 23. Document ID: US 3979448 A		
L2: Entry 23 of 32	File: USPT	Sep 7, 1976

Full Title Citation Front Review Classification Date Reference sedulones Missinguis Claims KMC

US-PAT-NO: 3979448

DOCUMENT-IDENTIFIER: US 3979448 A

TITLE: Processes for the continuous production of aromatic carboxylic acids by oxidation with nitric acid of aromatic compounds containing oxidizable acyclic substituents

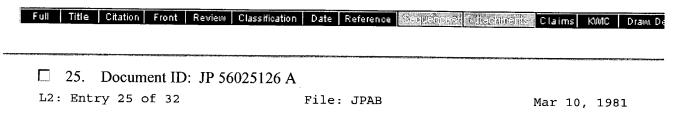
Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De Claims Later December 124. Document ID: JP 02058568 A L2: Entry 24 of 32 File: JPAB Feb 27, 1990

PUB-NO: JP402058568A

DOCUMENT-IDENTIFIER: JP 02058568 A

TITLE: POLYARYLENE THIOETHER KETONE COMPOSITION HAVING IMPROVED MELT-STABILITY AND

CRYSTALLINITY



PUB-NO: JP356025126A

DOCUMENT-IDENTIFIER: JP 56025126 A TITLE: PREPARATION OF PHENOLS

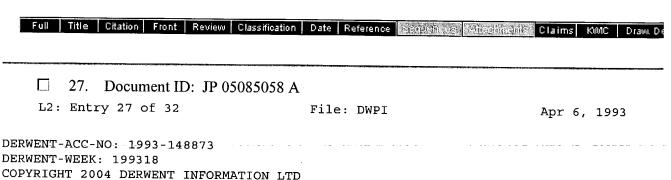
Full Title Cita	ition Front Review Classifica	ation Date I	Reference	Perpendicies		Claims	KWIC	Drawi De
□ 26. Do	ocument ID: JP 2002088	014 A					en e	
L2: Entry 2	26 of 32	File:	DWPI		M	Mar 27,	2002	2

DERWENT-ACC-NO: 2002-630168

DERWENT-WEEK: 200421

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: Manufacture of carbocyclic ring type aromatic carboxylic acid used as synthetic intermediate for pharmaceutical, involves heating carbocyclic ring type aromatic aldehyde in presence of alkali metal hydroxide



TITLE: <u>Heat</u>-sensitive recording material for train ticket, etc. - has colouring layer contg. colourless pre-dye, colour developer, 4,4'-bis(1-aziridino:carbonyl:amino)di:phenyl methane and dispersion of zinc <u>oxide and</u> aromatic carboxylic acid

Mar 2, 1965

May 14, 1963

Full Title Citation Front Review Classification Date Reference Attachments Claims KWC Draw De 28. Document ID: EP 296877 A, US 4826906 A, JP 02058568 A, EP 296877 B1, DE 3852787 G, CA 1335853 C

L2: Entry 28 of 32 File: DWPI Dec 28, 1988

DERWENT-ACC-NO: 1989-001328

DERWENT-WEEK: 199741

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: Melt-stable polyarylene thioether ketone compsns. - contain Gp=IA or Gp=IIA

metal salt as stabiliser, for min loss or crystallinity on melt-processing

Full Title Citation Front Review Classification Date Reference Sequence Attachine is Claims KMC Draw De

File: USOC

US-PAT-NO: 3171856

L2: Entry 29 of 32

DOCUMENT-IDENTIFIER: US 3171856 A

TITLE: Acid purification process

DATE-ISSUED: March 2, 1965

INVENTOR-NAME: KURTZ KERWIN K

US-CL-CURRENT: <u>562/486</u>; <u>562/414</u>, <u>562/417</u>

Full Title Citation Front Review Classification Date Reference Statement Claims KMC Draw De

File: USOC

US-PAT-NO: 3089907

L2: Entry 30 of 32

DOCUMENT-IDENTIFIER: US 3089907 A

TITLE: Pressure controlled liquid phase oxidation process for aromatic acid

production

DATE-ISSUED: May 14, 1963

INVENTOR-NAME: ALFRED SAFFER; BARKER ROBERT S

US-CL-CURRENT: <u>562/414</u>

Full Title Citation Front Review Classification Date Reference Sciences Ethickings Claims KMC Draw De

Generate Collection Print Fwd Refs Bkwd Refs	Generate O
Terms	Documents
(THERMAL ENERGY OR HEAT) AND OXID\$6 AROMATIC CARBOXYLIC ACID	32

Display Format: - Change Format

Previous Page Next Page Go to Doc#

Clear Generate Collection Print Fwd Refs Bkwd Refs
Generate OACS

Search Results - Record(s) 31 through 32 of 32 returned.

☐ 31. Document ID: US 3089906 A

Using default format because multiple data bases are involved.

L2: Entry 31 of 32

File: USOC

May 14, 1963

US-PAT-NO: 3089906

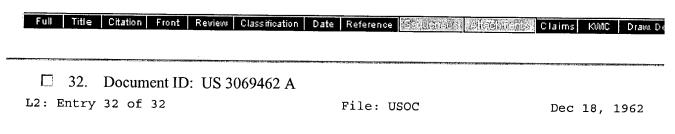
DOCUMENT-IDENTIFIER: US 3089906 A

TITLE: Oxidation chemical process

DATE-ISSUED: May 14, 1963

INVENTOR-NAME: ALFRED SAFFER; BARKER ROBERT S

US-CL-CURRENT: <u>562/414</u>, <u>562/416</u>, <u>562/54</u>



US-PAT-NO: 3069462

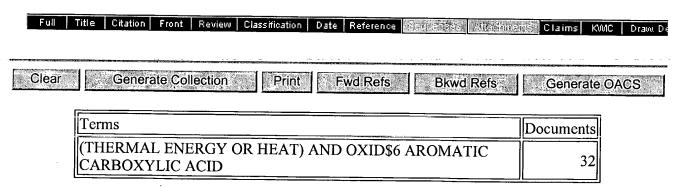
DOCUMENT-IDENTIFIER: US 3069462 A

TITLE: Oxidation of aromatic compounds

DATE-ISSUED: December 18, 1962

INVENTOR-NAME: ALFRED SAFFER; BARKER ROBERT S

US-CL-CURRENT: <u>562/416</u>, <u>502/224</u>, <u>562/421</u>



Display Format: - Change Format

Previous Page

Next Page

Go to Doc#